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10/620,468

10/620,46 Examiner

Thanh Y. Tran

Applicant(s)/Patent under Reexamination

CHOPRA ET AL.

Art Unit

2822

| √ | Rejected | - | (Through numeral)<br>Cancelled | N | 1 | Non-Elected  | A | Appeal   |
|---|----------|---|--------------------------------|---|---|--------------|---|----------|
| = | Allowed  | + | Restricted                     | ı |   | Interference | 0 | Objected |

| Cla          | aim      |        |                 |   |  | Dat      | te_      |              |         |         |                | CI          | aim      |                |  |          |          | ate      |          |          |          | _        | _ c          | laim       |                 |          |          |                | ate      |          |               |           |          |
|--------------|----------|--------|-----------------|---|--|----------|----------|--------------|---------|---------|----------------|-------------|----------|----------------|--|----------|----------|----------|----------|----------|----------|----------|--------------|------------|-----------------|----------|----------|----------------|----------|----------|---------------|-----------|----------|
| Finat        | Original | 9/2/05 |                 |   |  |          |          |              |         |         |                | Final       | Original | 9/2/05         |  |          |          |          |          |          |          |          | Final        | Original   |                 |          |          |                |          |          |               |           |          |
|              | 1        | -      | П               |   |  | $\vdash$ |          | T            | $\top$  | $\top$  | 7              |             | 51       | -              | П  |          |          |          | $\top$   | $\neg$   |          | 7::::    |              | 101        |                 |          |          |                |          |          | T             | $\Box$    |          |
|              | 2        | -      |                 |   |  |          |          | T            |         |         | 7              |             | 52       | -              |  |          |          |          |          | T        |          |          |              | 102        |                 |          |          |                |          |          |               |           |          |
|              | 3        | ١      |                 |   |  | П        | T        | Γ            | Т       |         |                |             | 53       | •              |  |          |          |          |          |          |          |          |              | 103        |                 |          |          |                |          |          |               |           |          |
|              | 4        | ١      |                 |   |  |          |          |              |         |         |                |             | 54       | •              |  |          |          |          |          |          |          |          |              | .104       |                 |          |          |                |          |          |               |           |          |
|              | 5        | -      | Ш               |   |  | L        |          | $\perp$      | $\perp$ | $\perp$ | _              |             | 55       | 4              | Ш  | $\sqcup$ |          |          |          | $\perp$  |          | _        |              | 105        | Ш               |          |          |                |          |          |               |           | _        |
|              | 6        | ٠      | Ш               |   | _  | _        | 1_       | ┸            | ᆚ       |         | _              |             | 56       | 1              | Ш  | _        |          | _        | $\perp$  | _        |          | <u> </u> |              | 106        | Ш               | Ш        |          | Ш              |          |          | $\dashv$      | _         |          |
|              | 7        | -      | Ш               |   | _  | ┖        | 1_       | $\perp$      | ┸       | $\perp$ | _              |             | 57       | 1              | $\sqcup$   | _        |          |          | _        | 4        |          | _        |              | 107        | Ш               |          |          |                | _        |          | _             | _         | _        |
|              | 8        | Ŀ      | Ш               |   | _  | ┖        | 1        | $\perp$      | 4       | 4       | _              | <u> </u>    | 58       | 1              | Ш  | _        | $\Box$   | _        | _        | _        |          | _        |              | 108        |                 |          | _        | Ш              | _        | $\dashv$ | $\rightarrow$ | _         | 4        |
|              | 9        | Ŀ      | Н               |   | _  | <u> </u> | 1        | ╀            | +       | 1       | 4              | <u> </u>    | 59       | 1              | Ш  | -        |          | -        | _        | 4        |          | -        |              | 109        | Н               | _        |          | Ш              |          |          | -             | -         | 4        |
|              | 10       | Ŀ      | Ш               |   | _  | 1_       | ╄        | ╀            | +       | +       | 4              |             | 60       | 1              | Н  | 4        | _        | -        | 4        | 4        | -        | -        | ļ            | 110        | Н               | $\dashv$ |          | Н              |          | _        | -             | ┽         | ᅱ        |
|              | 11       | Ŀ      | Н               |   | ⊢  | ┡        | 1        | +            | +       | +       | -              | <u> </u>    | 61       | 1              | -  |          | -        | -        | -        | +        | - -      | -        | <u> —</u>    | 111        | $\vdash \vdash$ | $\dashv$ |          | Н              |          |          | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 12       | •      | $\vdash \vdash$ |   | -  | ╀        | ╀        | +            | +       | +       | -              | <u> </u>    | 62       | 1              | $\vdash$   |          |          |          | -+       | $\dashv$ |          | -        | <del> </del> | 112        | $\vdash\vdash$  | $\dashv$ | _        | H              |          | $\dashv$ |               | $\dashv$  | $\dashv$ |
| -            | 13<br>14 | -      | Н               |   | 1  | ├-       | ╁        | ╀            | +       | +       | -              | <u> </u>    | 63<br>64 | 1              | $\vdash \vdash$                                  |          | $\dashv$ | $\dashv$ | $\dashv$ | +        | - -      | -        | <del> </del> | 113<br>114 | $\vdash$        |          | _        | $\vdash$       | _        | $\dashv$ | $\dashv$      | $\dashv$  | $\dashv$ |
| <del> </del> | 15       | -      | $\vdash$        | _ | ├  | ╀        | ╂─       | ╁╴           | - -     | - -     | -              | -           | 65       | 1              | $\vdash$   | ᅱ        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | - -      | -        | _            | 115        | $\vdash$        | $\dashv$ | _        | Н              | _        | $\dashv$ | $\dashv$      | -+        | $\dashv$ |
| <b>—</b>     | 16       | -      | H               | _ | -  | +-       | +-       | ╁            | +       | ╁       | -              | -           | 66       | 1              | $\vdash$   | -        |          |          | +        | +        | +        | ااااا    |              | 116        | $\vdash$        | $\dashv$ | _        | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 17       | -      | Н               |   | $\vdash$   | $\vdash$ | +        | +            | +       | +       | -              | $\vdash$    | 67       | 1              | H  | $\dashv$ | $\vdash$ | $\dashv$ | +        | +        | +        | -        | <u> </u>     | 117        | $\vdash \vdash$ | $\dashv$ |          | $\vdash$       |          | -        | -             | $\dashv$  | $\dashv$ |
| -            | 18       | -      | Н               |   | $\vdash$   | $\vdash$ | +        | ╁            | +       | ╫       | ۱              | <u> </u>    | 68       | 1              | $\vdash$   | -        | $\vdash$ | $\dashv$ | $\dashv$ | +        | +        | 1        | <u> </u>     | 118        | $\vdash$        | $\vdash$ |          |                | $\dashv$ | H        | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 19       | -      | Н               |   | ┢  | +-       | ╁        | ╁            | +       | ╁       | -              | $\vdash$    | 69       | <del>:</del>   | Н  | $\dashv$ | -        | $\dashv$ | +        | +        | +        | ١!!!     | ļ            | 119        |                 |          |          | Н              |          |          | $\dashv$      | $\dashv$  | ┪        |
|              | 20       | -      | Н               |   | -  | _        | +        | $^{+}$       | +       | +       | ┨║             |             | 70       | <del>  -</del> | Н  | $\dashv$ | -        | _        | +        | ╅        |          | 1        | -            | 120        |                 |          |          |                |          |          | $\dashv$      | _         | $\dashv$ |
|              | 21       | -      | Н               |   | H  |          | T        | $^{\dagger}$ | +       | $\top$  |                |             | 71       | 1-             | Н  | ┪        | $\dashv$ | $\neg$   | 十        | +        | $\top$   | 1        | _            | 121        | Н               |          |          |                | _        |          |               | 寸         | ヿ        |
|              | 22       | -      | Н               | _ | H  | T        | ✝        | T            | +       | $\top$  | ٦              |             | 72       | ١.             | Н  | $\dashv$ |          | $\dashv$ | 十        | +        | ╅        | 1        |              | 122        |                 |          | _        |                |          |          | $\Box$        | $\dashv$  | $\neg$   |
|              | 23       | -      | П               |   |  | 1        | 1        | T            | $\top$  | 十       |                |             | 73       | -              | П  | 一        |          |          | 寸        | 十        | $\top$   | 7        |              | 123        |                 | $\neg$   |          |                |          |          |               | $\dashv$  |          |
|              | 24       | -      |                 |   | Г  | T        | T        | 1            | 7       | ┪       | 7              |             | 74       | -              |  |          |          |          | T        | T        |          | 1        | <u> </u>     | 124        |                 |          |          |                |          |          |               | $\neg$    | ヿ        |
|              | 25       | -      |                 |   | Г  |          | T        | T            | 7       | 丁.      | ٦              |             | 75       | -              | П  |          | $\Box$   |          | $\neg$   | $\neg$   | $\neg$   | 1        |              | 125        |                 | $\neg$   |          |                |          |          | П             | $\exists$ | $\neg$   |
|              | 26       |        |                 |   |  |          |          | Τ            |         |         | ]              |             | 76       | •              |  |          |          |          |          |          |          |          |              | 126        |                 |          |          |                |          |          |               | $\Box$    |          |
|              | 27       | •      |                 |   |  |          |          | Τ            |         |         |                |             | 77       | -              |  | $\Box$   |          | I        |          |          |          |          |              | 127        |                 |          |          |                |          |          |               |           |          |
|              | 28       | -      |                 |   |  |          |          |              |         |         |                |             | 78       | -              |  |          |          |          |          |          |          |          |              | 128        |                 |          |          |                |          |          |               |           |          |
| <u> </u>     | 29       | _      |                 |   | L  |          | L        |              |         | $\perp$ | ╝              |             | 79       |                | Ш  |          |          |          |          |          |          | ]        |              | 129        |                 |          |          |                |          |          |               | $\dashv$  | _        |
| L            | 30       | -      |                 |   | _  | <u> </u> |          | L            |         | ┸       | _ :::          |             | 80       |                |  |          | _        |          | _ _      | _        | _ _      |          |              | 130        |                 |          |          |                |          |          | _             | $\dashv$  | _        |
|              | 31       | -      |                 |   | L  | L        | 上        | $\perp$      | ┸       | $\perp$ | _              |             | 81       |                |  | _        | _        |          | _        |          | $\perp$  | _        |              | 131        |                 | $\perp$  |          |                |          |          | $\perp$       | _         |          |
| <u> </u>     | 32       | -      | Щ               |   | _  |          | ┞        | 1            | $\perp$ | $\perp$ | 4              | <u> </u>    | 82       |                | Ш  | _        |          | _        | $\perp$  | $\bot$   |          | 4        | <u> </u>     | 132        | Щ               | $\Box$   |          |                |          |          |               | _         | $\dashv$ |
|              | 33       | -      | $\sqcup$        |   | <u> </u>   | ₩        | 1        | $\bot$       | $\bot$  | +       | 4              |             | 83       |                | $\sqcup$   | _        | _        | _        | 4        | $\perp$  | +        | 4        | <u> </u>     | 133        |                 |          |          | Щ              | _        |          | 4             | _         | 4        |
|              | 34       | -      |                 |   | <u> </u>   | $\vdash$ | ┼        | ╀            | +       | +-      | -              |             | 84       | _              | $\vdash$   | $\dashv$ |          | $\dashv$ | $\dashv$ | +        | - -      | -        | <u> </u>     | 134        | $\vdash \vdash$ |          | _        | Н              | _        |          | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 35       | -      | $\vdash \vdash$ |   | <u> </u>   | ├-       | $\vdash$ | +            | +       | +       | -              | <u> </u>    | 85       | -              | $\vdash$   | $\dashv$ |          | $\dashv$ | +        | +        | +        | -        | <u> </u>     | 135        | $\vdash \vdash$ | -        | _        | Щ              | _        | -        |               | $\dashv$  | $\dashv$ |
|              | 36       | •      | $\vdash \vdash$ |   | <del>                                     </del> | ⊢        | +-       | ╀            | +       | +       | -              |             | 86       | _              | $\vdash$   | $\dashv$ |          | +        | +        | +        | +        | 4        | <u> </u>     | 136        | $\vdash \vdash$ | $\dashv$ | -        | $\vdash$       | _        |          | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 37<br>38 | -      | $\vdash \vdash$ |   | <del> </del>                                     | $\vdash$ | +        | +-           | +       | +-      | -              | <u> </u>    | 87<br>88 |                | $\vdash$   | $\dashv$ |          |          | $\dashv$ | +        | +        | -        | ├—           | 137        | $\vdash \vdash$ | $\dashv$ | -        | $\vdash$       | $\dashv$ | -        | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 39       | -      | $\vdash$        |   | -  | $\vdash$ | ╁        | ╁            | +       | +-      | -              |             | 89       | -              | $\vdash$   | $\dashv$ |          | $\dashv$ | +        | +        | +        | -        |              | 138<br>139 | $\vdash \vdash$ | $\dashv$ | -        | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 40       | -      | $\vdash$        | _ | $\vdash$   | ├        | ╁        | +            | +       | +       | -              |             | 90       |                | $\vdash$   | -        |          | -+       | +        | +        | +        | 1        |              | 140        | $\vdash$        | $\dashv$ | -        | $\vdash$       | $\dashv$ |          | $\dashv$      | $\dashv$  | $\dashv$ |
| <b></b>      | 41       | ÷      | $\dashv$        | _ | $\vdash$   | $\vdash$ | +-       | +            | ┰       | +       | -              |             | 91       | -              | <del>                                     </del> | $\dashv$ | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ | 1        | <b>-</b>     | 141        | $\vdash$        | $\dashv$ | -        | $\vdash$       | $\dashv$ | $\dashv$ | +             | $\dashv$  | $\dashv$ |
|              | 42       | -      |                 |   | <del> </del>                                     | $\vdash$ | +-       | ╁            | +       | +       | <b>⊣</b> ∷∷    | <del></del> | 92       |                | $\vdash$   | -        | -        | +        | +        | +        |          | ┨Ш       | <u> </u>     | 142        | $\vdash$        | $\dashv$ | -        | $\vdash\vdash$ | $\dashv$ | -        | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 43       | -      | $\dashv$        |   | ┢  | $\vdash$ | +        | ╁            | +       | +       | -              |             | 93       | $\vdash$       | $\vdash$   | -        | -        | -        | +        | +        | -        | ┧┈       | <u> </u>     | 143        | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$       | $\dashv$ | -        | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 44       | -      | $\dashv$        |   |  | $\vdash$ | +        | 十            | +       | +       | <b>-</b>  :::: |             | 94       | $\vdash$       | $\vdash$   |          | +        | +        | +        | +        | +        | 1        | <b>-</b>     | 144        | $\dashv$        | -        | -        | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 45       | -      | $\dashv$        | - | $\vdash$   |          | $\vdash$ | +            | +       | +       | ۱              |             | 95       |                | $\vdash$   | -        | $\dashv$ | 7        | $\dashv$ | +        | $\vdash$ | 1        | <del> </del> | 145        | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$       | $\dashv$ | $\dashv$ | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 46       | -      | $\vdash$        | - | _  | ┢        | T        | T            | 十       | +-      |                | -           | 96       | $\vdash$       |  | +        | $\dashv$ | 一        | $\top$   | +        | _        | 1        | $\vdash$     | 146        | $\vdash$        | $\dashv$ | $\dashv$ | $\vdash$       |          | $\neg$   | $\dashv$      | $\dashv$  | $\dashv$ |
|              | 47       | -      |                 |   | <u> </u>   | Г        | 1        | $^{\dagger}$ | $\top$  | +       | 1              |             | 97       |                | $\Box$   | $\neg$   | $\dashv$ | $\dashv$ | 十        | 十        | $\top$   | 1        | $\vdash$     | 147        | $\vdash$        |          |          |                | _        | $\dashv$ | 7             | 十         | ᅱ        |
|              | 48       | -      |                 |   |  |          | T        | 1            | $\top$  | $\top$  | <b> </b>  :::: |             | 98       |                | $\vdash$   | 十        | _        | $\dashv$ | 十        | +        | $\top$   | 1        |              | 148        | $\Box$          |          |          |                |          | $\neg$   | $\dashv$      | $\dashv$  | 一        |
|              | 49       |        |                 |   |  |          | Т        | T            | 1       | $\top$  | 7              |             | 99       |                | $\Box$   | $\dashv$ | _        | $\dashv$ | $\top$   | 十        | $\top$   | 1        | l            | 149        | П               |          |          | $\Box$         | $\neg$   | 一        | $\neg$        | 寸         | $\dashv$ |
|              | 50       | •      |                 |   |  |          |          | Ι            |         |         | ]              |             | 100      |                |  |          | コ        |          | 丁        | _        |          | ]!!!!    |              | 150        |                 |          |          |                |          |          | 寸             | 丁         | $\Box$   |